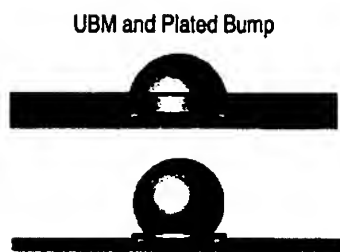
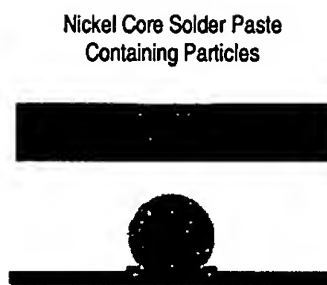


Fig. 1A



Reflowed Bump

Fig. 1C



Nickel Core Solder Bump after reflow

Fig. 1B

Fig. 1D



Nickel Core Solder Bump Reflow  
with Low Particle Loading

Fig. 2A



Nickel Core Solder Bump Reflow  
with High Particle Loading

Fig. 2B

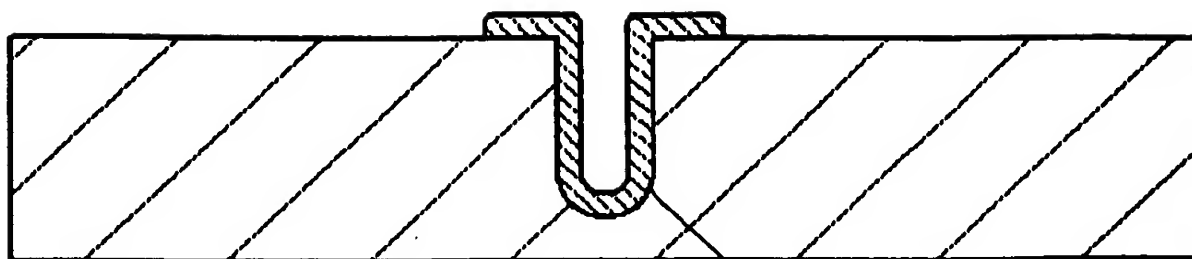


FIG. 3A

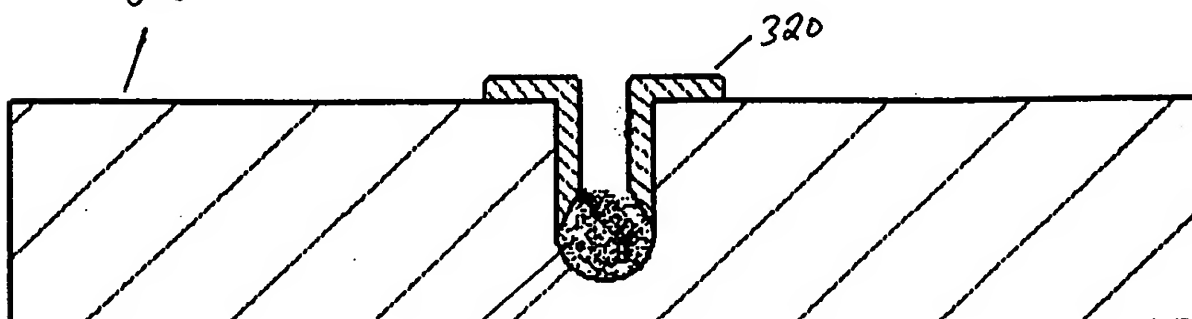


FIG. 3B

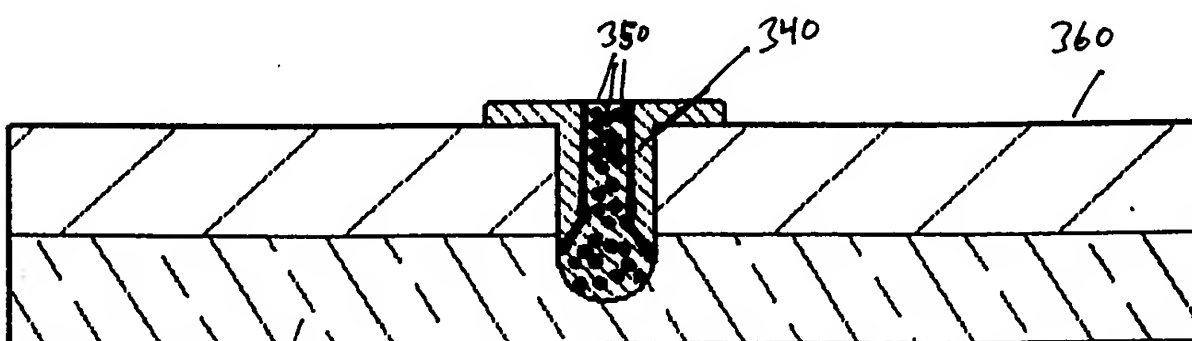


FIG. 3C

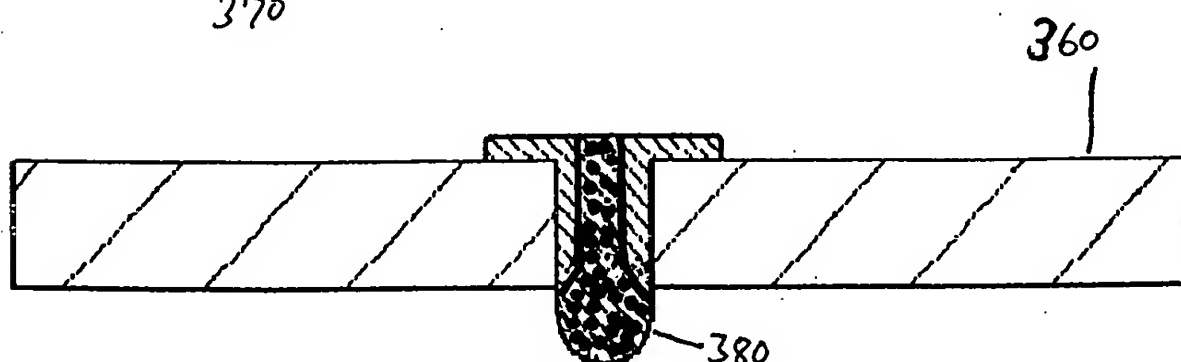
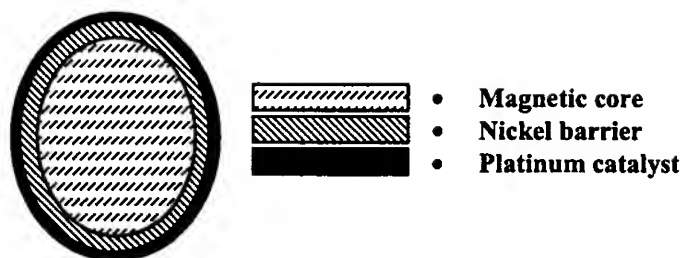


FIG. 3D



**FIGURE 4**

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